

Environmental Risks to Infrastructure Innovation funding call June 2014				
Proposal of over 6 months duration				
Reference	PI	Title	Score	Rank
NE/M008479/1	Dr Jonathan Chambers	The Proactive Infrastructure Monitoring and Evaluation (PRIME) System: Technology Demonstrator for Remote Monitoring of Transportation Earthworks	8	1
NE/M008851/1	Professor Jim Hall	FoRUM - Flood risk: Building Infrastructure Resilience through better Understanding and Management choices	8	2
NE/M008355/1	Dr Lee Chapman	Dynamic heat risk management to reduce the costs of propagating hot weather delays on the railway network.	8	3
NE/M008614/1	Dr George Blackburn	Quantifying the risks of tree failure to guide proactive management and increase the resilience of electricity distribution networks.	8	4
NE/M008444/1	Dr David Gunn	Wind Turbine Foundation Ultrasonic Spectral Characterisation (WINSPEC)	8	5
NE/M008878/1	Dr Jeremy Phillips	Volcanic Ash Hazard to UK Nuclear Generating Facilities	7	6
NE/M008452/1	Not funded		7	7
NE/M008681/1	Not funded		7	8
NE/M008924/1	Not funded		7	9
NE/M008088/1	Not funded		7	10
NE/M008975/1	Not funded		7	11
NE/M008649/1	Not funded		7	12
NE/M008460/1	Not funded		7	13
NE/M008436/1	Not funded		7	14
NE/M008495/1	Not funded		6	15

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NE/M00869X/1	Not funded		6	16
NE/M00855X/1	Not funded		6	17
NE/M008673/1	Not funded		6	18
NE/M008371/1	Not funded		0	0

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Reference	PI	Title	Score	Rank
NE/M008339/1	Dr Rachel Dearden	Modelling the geological factors in pipe failure for better infrastructure management	8	1
NE/M008312/1	Dr Christopher Jackson	Assessing the risk of groundwater-induced sewer flooding to inform water and sewerage company investment planning	8	2
NE/M00886X/1	Dr Iain Jonathan Rae	Understanding the effects of space weather on water sector infrastructure	8	3
NE/M008061/1	Professor Andrew Plater	Sandscaping for Mitigating Coastal Flood and Erosion Risk to Energy Infrastructure on Gravel Shorelines: a case study approach	8	4
NE/M008150/1	Dr Taku Fujiyama	Examining Risks of Coastal Flooding to Port Systems	7	5
NE/M008746/1	Professor Thorsten Wagener	Quantification of risks to bridges from erosion and blockage: An elicitation of expert views	7	6
NE/M008320/1	Dr Simon Jude	Vulnerability of proximal infrastructure to sand washout from burst water pipes and leaking sewers	7	7
NE/M008703/1	Professor John Wainwright	Communicating And Visualizing Erosion-associated Risks To Infrastructure (CAVERTI)	7	8
NE/M008169/1	Dr Ana Mijic	Improved techno-economic evaluation of Blue Green Solutions for managing flood risk to infrastructure	7	9
NE/M007987/1	Dr Dina D'Ayala	Groundwater and Flood Risk in the London Rail Infrastructure Network: Building Resilience into Existing Masonry Infrastructure Assets	7	10
NE/M008487/1	Dr Huapeng Chen	Risk Based Performance Forecast of Flood Defences Affected by Changing Environments	7	11
NE/M008770/1	Dr Dapeng Yu	Evaluating the resilience of critical infrastructure for emergency response to extreme flood events in Leicester City	7	12

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NE/M008401/1	Dr Christian Wagner	Towards managing risk from climate change through comprehensive, inclusive and resilient UK infrastructure planning	7	13
NE/M008428/1	Professor Douglas Crawford-Brown	Climate science support for robust decision making in wind energy investments and policies	7	14
NE/M008274/1	Dr Nevil Quinn	Co-creating railway flood resilience: applying the science of blue-green-grey infrastructure	7	15
NE/M008517/1	Mr Jason Sadler	A tool to improve prediction of real time environmental risk to UK rail infrastructure	7	16
NE/M008363/1	Not funded		6	17
NE/M008916/1	Not funded		6	18
NE/M008657/1	Not funded		6	19
NE/M008533/1	Not funded		6	20
NE/M008940/1	Not funded		6	21
NE/M008789/1	Not funded		6	22
NE/M008665/1	Not funded		6	23
NE/M008525/1	Not funded		0	0
NE/M008282/1	Not funded		0	0
NE/M00838X/1	Not funded		0	0